

Title (en)
CLEAR SOFTENING AGENT FORMULATIONS

Title (de)
KLARE WEICHSPÜLMITTELFÖRMULIERUNGEN

Title (fr)
FORMULATIONS CLAIRES D'ASSOUPPLISSANTS

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Application
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Abstract (en)
[origin: EP1018541A1] Fabric softener rinsing compositions based on a quaternary ammonium compound of formula (I) and a polyalkylene oxide adduct of formula (II) give clear water-white aqueous solutions. Clear softening rinse formulation comprising: (A) 15-35 wt. % of at least one quaternary ammonium compound of formula (I) (B) 5-30 wt. % of at least one compound of formula (II): $R_{<6>}-(CH_2)_a-O-(CH_2CH(R_{<4>})-O)_nH$ (II) $R = -CH_3, -CH_2-CH(R_{<4>})-OR_{<1>}$ or $-CH_2-CH(R_{<5>})-OR_{<2>}$ in which $R_{<4>}$ and $R_{<5>}$ (same or different) = H or CH_3 $R_{<1>}$ and $R_{<2>} = H, -C(O)-R_{<3>}$ in which $R_{<3>}$ = an optionally substituted 13-19 C hydrocarbon group containing at least one double bond, provided that if R is not CH_3 then $R_{<1>}$ and $R_{<2>} = H$ at least 1 to 1.4 times and if $R = CH_3$ then $R_{<1>}$ and $R_{<2>} = H$ at most 0.4 times $R_{<6>} =$ a phenyl group which optionally contains a 1-4 C alkyl group, or a branched 3-6 C alkyl group $a = 0$ or 1 $n = 0-8$ $A_{<->} =$ the anion of a quaternizing agent such as di(m)ethylsulfate or methyl chloride (C) 0.5-18 wt. % conventional assistants and adjuvants and (D) to 100 wt. % with water.

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C11D 1/62; C11D 3/20

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